



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| In re application of:    | § | Attorney Docket No. 35365.9 |
|--------------------------|---|-----------------------------|
|                          | 8 | Attorney Docket No. 35303.7 |
| Jean-Marc Bolen, et al.  | § |                             |
|                          | § | Customer No. 27683          |
| Serial No. 10/598,359    | § |                             |
|                          | § | Group Art Unit: 2857        |
| Filed: August 24, 2006   | § | -                           |
|                          | § | Examiner: Unknown           |
| For: METHOD OF ENHANCING | § |                             |
| SPECTRAL DATA            | § | Confirmation No. 3086       |
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Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 25, 2007.

Linda Ingram

## SECOND INFORMATION DISCLOSURE STATEMENT

Pursuant to the provisions of 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants are filing this Information Disclosure Statement in order to cite some documents that may be material to the examination of this patent application. More specifically, the enclosed documents are Examination Reports from two British applications (one of which includes a Search report), and copies of two publications that were each cited in a respective one of the Examination Reports. Each of these documents is listed on enclosed Form PTO-1449 (modified), and a copy of each is enclosed.

This Information Disclosure Statement is being filed under 37 C.F.R. §1.97(b), or in other words before mailing of a first Office Action on the merits. Accordingly, no fee is due in association with the filing of this Information Disclosure Statement.

It is respectfully requested that the Examiner (1) consider the documents cited on enclosed Form PTO-1449, (2) initial Form PTO-1449 for each listed document, and then (3) return a copy of the initialed PTO-1449 with the next PTO communication.

Respectfully submitted,

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Enclosures: Form PTO-1449, and one copy of each listed document

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| Examiner's<br>Initials  | Cite<br>No. | Document Number  | Publicat   | tion Date                  |  |   | nt of Cited Document                  |  |
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| Initials  | No.         | Include name of the author (in CAPITAL LETTERS), title of the article, title of the item, date, page(s), volume-<br>issue number(s), publisher, city/country where published |  |                            |  |   |                                       |  |
|   | D1          | United Kingdom Examinat  | tion Report                                      | and Sear                   | ch Report for GB (                       | )701633.0, dated Ma                       | arch 1, 2007, 4 pages.                |  |
|   | D2          | United Kingdom Examination Report for GB 0406246.9, dated March 9, 2007, 2 pages.  |  |                            |  |   |                                       |  |
|   | D3          | Lepla et al., "Data Process<br>Spectrometers", Applied S   | sing Techn<br>Spectrosco                         | iques for li<br>py, Volume | mproved Spectroce 44, Number 8, 19       | hemical Measureme<br>990, pp. 1259-1269.  | ents with Photodiode Array            |  |
|   | D4          | Tham et al., "A Dynamic A Transactions on Electromagnets   | daptive Sa<br>agnetic Co                         | ampling Te<br>mpatibility, | chnique in Freque<br>Vol. 44, No. 4, No. | ncy-Domain Transie<br>ovember 2002, pp. 5 | ent Analysis", IEEE<br>522-528.       |  |

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